Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No: Second and Final Bill — Date: 12/05/2022

Division: **Project** — Sub-Division: **Project**

Bill Received No. — Dated — Divisional — Cash Book Voucher No…….. Dated…….

Sub Divisional **Work Code: 001-20-000053**

Schedule Docket No. — Head of Account: **P-3741** — Est.Cost- **300.00 Lakhs**

Name of Work: **Grants of Infrastructure up gradation of Yelahanka Govt Hospital**

Name of Contractor and Full Address: **Sri. D. Santhosh**

Reference to Agreement No: **19/2021-22** — Date: **12/10/2021**

Certified that the measurements were taken by me on 26/05/22 and recorded of Pages 63770 to 63776 of measurement Book No. 23/20-21 And that the work is satisfactorily executed.

Santhosh D

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 26/05/22 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Upto date - 3705090-00
Previous - 1444400-00

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	BA	1626090-00
2)	Deduct amount to be held in reserve being ……percent Rs……	Ri	162610-00
3)	" Balance		160729-00
4)	Deduct Payment:	Sem	1607290-00
	a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No…… Amount adjusted towards cash advance recovery of	H	6520-00
	b) Payments Now made cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	GI	16270-00
5)	Balance being unpaid value of work done held in reserve.	Secr	162610-00
6)	Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.		
7)	Net amount due to or from Contractor un adjustments items.		6694468-00
8)	Advance to Contractor for materials brought to site (as detailed) within.		
9)	Value of Government materials supplied.		
	Total amount adjusted -		1559122-00

Contractor's Signature

Received Rs…….. (in words)……

……

by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No……Dated……

Cash Rs……..

Dated……

Initials of Officer making payment

Santhosh D
Stamp

Head of Account 3741

Audited & admitted for Rs. 1626090-00

1559122-00

by Cheque

Executive Engineer

and Rs. 6694468-00 by Adjustment

Acct. Clerk Projects Division

Acct. Supdt. Project Division B.B.M.P.

Exe. Engineer Project Division B.B.M.P

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No: Second and Final Bill — Date: 12/05/2022

Division: **Project** — Sub-Division: **Project**

Bill Received No. — Dated — Divisional — Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 001-20-000053**

Schedule Docket No. — Head of Account: **P-3741** — Est.Cost- **300.00 Lakhs**

Name of Work: **Grants of Infrastructure up gradation of Yelahanka Govt Hospital**

Name of Contractor and Full Address: **Sri. D. Santhosh**

Reference to Agreement No: **19/2021-22** — Date: **12/10/2021**

Certified that the measurements were taken by me on 28/05/22 and recorded of Pages 63 770 to 74 of measurement Book No. 2-3/20-21 And that the work is satisfactorily executed.

Santhosh D

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 24/05/22 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Gr Godan - 36652820 =00

Reviews - 14444400 - 00

Sub-Division Officer

Asst. Executive Engineer
Project Division
BBMP, Bangalore - 92

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	16208430=00
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	BBMP 162084=00
4)	Deduct Payment:	
a)	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	160450=00
		Security 160450=00
b)	Payments Now made: cost store or other material supplied.	CR 6510=00
	recovery of amount creditable to this/other work	CSF 16210=00
	Amount paid on this bill Cheque / Cash.	Cheque 162090=00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor un adjustments items.	6,67,800=00
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	155,40620=00

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness

1.

2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Head of Account..... P 3741

Audited & admitted for Rs..... 16208430=00

Santhosh D

Stamp

1,55,40620/-

.....by Cheque

Executive Engineer

and Rs. 6,67,800/- .....by Adjustment

Asst. Clerk Project Division

Asst. Supdt. Project Division B.B.M.P.

Exe. Engineer Project Division B.B.M.P.

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BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK : GRANTS OF INFRASTRUCTURE UP GRADATION OF YELAHANKA GOVT HOSPITAL

Client

ABSTRACT

Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Quoted Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
1	VVIP Excecutive Chair – : Fire retardant breathable mesh for backrest and Polyester fabric for seat. Black colour on seat and back (TW 182 Mesh & 5060 fabric seat) Base : 700 mm diameter raised Nylon base with 60 mm castors for stability and easy movement . Seat cover : Casement cloth protection for seat understructure, Adjustable Arms : Moves up or down for shoulder and upper body support. The firm polyurethane arm pads adjust vertically to accommodate different arm lengths from the shoulder to the elbow (TSA012 – value lab pad), Lumbar Support: "S' shaped backrest follow's the natural curve of the back for lower back support. Additional support by static polypropylene lumbar pad on back rest . Seat Contour : Seat pan depth is designed so that the forward most point on the lumbar support is placing gentle pressure on the lower 5 vertebrae on the spine. (2018 – Nuclear Seat), Synchro tilt with single lock : Chair Back reclines synchronously to a 2-to-1 ratio to seat angle. Allows user to recline while keeping seat cushion relatively level to floor. Use the tilt lock for upright posture like keyboarding. Pneumatic height : Change the height of the chair relative to the floor by 100 mm . Headrest : Fixed head rest for neck support	NO	3.00	12381.06	37,143.18	3.00	12,381.06	37,143.18		12381.06	0.00	3.00	37143.18
2	Doctor's Executive Chair : 1. High back chair with head support. 2. The double mesh back should be designed for comfort and support. 3. Adjustable seat height, head rest height & Hand rest angle, 4. Adjust the height using the gas lift to find that comfortable position, and the nylon castors make it easy to move around your space, 5. Five-part Chrome legs, 6. Height 48" + 2", 7. Width 26" + 2", 8. Depth 20" + 2" Should be ISI / CE certified	NO	10.00	9285.79	92,857.90	10.00	9,285.79	92,857.90		9285.79	0.00	10.00	92857.90
3	Cardiac Cots: 1. Laminated board Top. 2. Tubular steel frame work. 3. Mounted on four 5cm. castors. 4. Epoxy powder coated. 5. Top size: -106(L)*45(W) cm.Height: -95cm	NO	6.00	3713.92	22,283.52		3,713.92	-		3713.92	0.00	0.00	0.00
4	Steel Racks: 1. Steel rack made of slotted angles of size 2"x2"x3mm thick, 2. 5 compartments of six 6' x 1 ¼'x 3' length. 3. Paint: Epoxy powder coated in seamen's Gray Colour with minimum 50 microns 4. Should be ISI / CE Certified	NO	12.00	6190.53	74,286.36	12.00	6,190.53	74,286.36		6190.53	0.00	12.00	74286.36

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Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Quoted Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
5	Patient Cots (Plain):1. Size-78"Lx36"Wx24"H, 1 ¼" dia 14 SWG tubular Head and leg bows ERW Tube.2. The head bow and leg bows are 42" and 36" Height respectively. Head and leg bows are 14 gauge, 1" dia ERW cross bar and ½" dia 16-gauge ERW three vertical support bars.3. Top Sheet 18 SWG CRCA Sheet, double Press bent uniformly on all the four sides, 2" vertically and ¼" further inside. A 6" broad x 2" deep full length 16-gauge square cross section rib is reinforced to the top sheet 2 Nos. M.S. Gages using 10 SWG. 4. Zinc plated ½" nuts & bolts, 4 Nos. of Shoes made up of white nylon are provided. 5. Epoxy powder coated with seamen's Gray Colour with 50 microns minimum coating.	NO	10.00	6190.53	61,905.30	10.00	6,190.53	61,905.30		6190.53	0.00	10.00	61905.30
6	Patient Cots with side railings: 1. Efficient Height adjustable, manually operated, two section cots with perforated top. 2. The size of approximately 84" length, 36" width and an approximate height adjustable from 20° to 33" with ±5% tolerance 3. The head bow and leg bows are 42" and 36" Height respectively. Head and leg bows are 14 gauge, 1" dia ERW cross bar and ½" dia 16-gauge ERW three vertical support bars. 4. Having a Trendelenburg and reverse Trendelenburg movements. 5. Detachable and collapsible Sturdy railing, made of stainless steel of minimum 25mm diameter and 16-gauge tubes Capsule tubular frame, with a locking facility for raised position.	NO	3.00	9905.43	29,716.29	3.00	9,905.43	29,716.29		9905.43	0.00	3.00	29716.29
7	Computer Tables and Chairs for Departments excluding e-hospital:Legs : Durable steel powder coated under structure (Broken White) Accessories : Two Wire management holes at either ends of the table to access your cables.Multipurpose & Convenient : table can be kept in your office as well as your home. Its functional design allows you to use this table as a study desk, computer desk, writing table etc. Chair Material : Fire retardant breathable mesh for backrest and Polyester fabric for seat. Black colour on seat and back (TW 182 Mesh & 5060 fabric seat) Base : 700 mm diameter Nylon base with 50 mm castors for stability and easy movement . Seat cover : Injection moulded polypropylene seat edge and understructure protection .Adjustable Arms : Moves up or down for shoulder and upper body support. The firm polyurethane arm pads adjust vertically to accommodate different arm lengths from the shoulder to the elbow (TSA012 – value lab pad) Seat Contour : Seat pan depth is designed so that the forward most point on the lumbar support is placing gentle pressure on the lower 5 vertebrae on the spine. (2018 – Nuclear Seat) Lumbar Support : Soft but firm polyurethane	NO	30.00	22586.00	6,77,580.00	30.00	22,586.00	6,77,580.00		22586.00	0.00	30.00	677580.00
8	Patient's Waiting Chairs (5 Seater, Wooden):5 Seater Stainless Steel Waiting Chair	NO	30.00	8867.13	2,66,013.90		8,867.13	-		8867.13	0.00	0.00	0.00
9	Patient's waiting Chairs (3 Seater, Wooden):Stainless Steel Silver Three Seater Waiting Chair, for Hospital,Office etc., Seating Capacity: 3	NO	20.00	5571.87	1,11,437.40		5,571.87	-	20.00	5571.87	1,11,437.40	20.00	111437.40

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Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Quoted Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
10	Drugs Transport Trolleys:1. Trolley with 25 mm diameter SS tubular frame2. Drawers 6 number possible of adequate size with top flat stainless steel3. Size – 36-inch L x 20-inch W x 60-inch H.4. 1 rows of hand out bins of different size & colour to hold different sizes5. Light weight plastic box with drawers of different sizes and colours to hold emergency drugs6. Facility to carry monitor and Defibrillator with Stainless steel saline rod-one.7. Nylon Castor wheels of 12.5 cm dia- Two having locking arrangement.	NO	3.00	22286.49	66,859.47	3.00	22,286.49	66,859.47		22286.49	0.00	3.00	66859.47
11	3 Bucket System (Mopping):Material Stainless Steel Applications Mopping system, Bucket Capacity 30-60 L, 48 Lt. Trolley Material Stainless Steel, Model APC-119/3SS Number of Buckets 3, Usage/Application Hospitals, Brand Amsse Color Red Down Press Wringer yes	NO	2.00	13619.36	27,238.72	2.00	13,619.36	27,238.72		13619.36	0.00	2.00	27238.72
12	Fibre Pallets (Pharmacy) MainStore :Fiber Pallets 4"x 5"	NO	20.00	6190.53	1,23,810.60	20.00	6,190.53	1,23,810.60		6190.53	0.00	20.00	123810.60
13	Dispensing Chairs:Material: Fire retardant breathable mesh for backrest and Polyester fabric for seat. Black colour on seat and back (TW 182 Mesh & 5060 fabric seat) Base : 700 mm diameter raised Nylon base with 60 mm castors for stability and easy movement . Seat cover : Casement cloth protection for seat understructure, Adjustable Arms : Moves up or down for shoulder and upper body support. The firm polyurethane arm pads adjust vertically to accommodate different arm lengths from the shoulder to the elbow (TSA012 – value lab pad) Lumbar Support: "S' shaped backrest follow's the natural curve of the back for lower back support. Additional support by static polypropylene lumbar pad on back rest . Seat Contour : Seat pan depth is designed so that the forward most point on the lumbar support is placing gentle pressure on the lower 5 vertebrae on the spine. (2018 – Nuclear Seat) Synchro tilt with single lock : Chair Back reclines synchronously to a 2-to-1 ratio to seat angle. Allows user to recline while keeping seat cushion relatively level to floor. Use the tilt lock for upright posture like keyboarding .Pneumatic height : Change the height of the chair relative to the floor by 100 mm . Headrest : Fixed head rest for neck support	NO	3.00	12381.06	37,143.18		12,381.06	-	3.00	12381.06	37,143.18	3.00	37143.18
14	Cushion Chair with Arm:Brand Maruthi, Color option available' Seat Material Fabric, Size standard, Design Type Customized, No Of Wheels 5, Revolving Chair Yes Material cushion, Condition New	NO	20.00	3713.92	74,278.40	20.00	3,713.92	74,278.40		3713.92	0.00	20.00	74278.40
15	Blood Drawing Chair:Color Blue, Material Stainless steel General Use Blood banks, Brand Agile Number Of Seats 1, Weight 120 kg, Automation Grade Remote Controlled, Usage/Application Hospitals,Blood Banks, Voltage 230 V	NO	2.00	80478.83	1,60,957.66	2.00	80,478.83	1,60,957.66		80478.83	0.00	2.00	160957.66
16	Wooden Stool:Surface Finish Polished Material Wooden' Shape Square,Feature Termite Free	NO	30.00	2476.60	74,298.00		2,476.60	-	30.00	2476.60	74,298.00	30.00	74298.00
17	Plastic Chair: 1. Should be made from the finest polypropylene. 2. Should be Tough and lightweight . 3. Should be Good quality and Modern designed. 4. Should be Weatherproof and virtually maintenance free.	NO	100.00	867.11	86,711.00	100.00	867.11	86,711.00		867.11	0.00	100.00	86711.00

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Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Quoted Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
18	Wooden Tables with Drawers:Surface Finish PolishedMaterial Particleboard, Size 4x2 Feet Shape Rectangular, Warranty 1 Year Seating Capacity 1 Seater	NO	20.00	7181.37	1,43,627.40	20.00	7,181.37	1,43,627.40		7181.37	0.00	20.00	143627.40
19	Wooden Almaraha With Glass Doors casuality to keep registers	NO	10.00	24763.09	2,47,630.90		24,763.09	-	10.00	24763.09	2,47,630.90	10.00	247630.90
20	Sterile Equipments /bins Storage Trolly:Capacity 300 kg Brand Jindal, Material Mild Steel	NO	5.00	5571.87	27,859.35		5,571.87	-	5.00	5571.87	27,859.35	5.00	27859.35
21	Folding Cots:Material: Steel Pipe, Capacity: 120 kg	NO	10.00	9905.43	99,054.30	10.00	9,905.43	99,054.30		9905.43	0.00	10.00	99054.30
22	Almariha Steel:1. Size: 78" x 36" x 19" with 3 Shelves to be fixed having 4 compartments, 2. 1 compartment with Locker having lever lock placed in a suitable place. The locking system must be mounted securely to give robustness and long life. 3. Double door with three way locking device with duplicate keys, made out of CRCA Sheet of 18 gauge with de rusted synthetic enamel Siemens Gray colour paint. 4. The edges of doors and shelves should be properly bent to U Shape neatly and finished.	NO	5.00	13619.36	68,096.80	5.00	13,619.36	68,096.80		13619.36	0.00	5.00	68096.80
	Qty above 125%	No		13619.36	-		13,619.36	68,096.80		13619.36	0.00	0.00	68096.80
23	Hospital Surrondings Dust Bins:RC Ventures Plastic Wheeled Dust Bin for Outdoor Usage/Application, Outdoor, Brand RC Ventures, Material Plastic, Capacity 120 Liters, Number Of Wheels 2	NO	6.00	3713.92	22,283.52	6.00	3,713.92	22,283.52		3713.92	0.00	6.00	22283.52
24	Wheel Barrows:Model Name/Number RJTE 005 Load Capacity 300 ltrs	NO	5.00	30953.62	1,54,768.10		30,953.62	-	5.00	30953.62	1,54,768.10	5.00	154768.10
25	Stretcher: 1. Overall Size: Length 84". Width 24". Height 32" 2. Design Removable stretcher top made up of S.S. 20 SWG 304 Grade with full polish with removable cushion made up of 2" foam with inner cloth cover and S.T. quality Green Drill back rexine. 3. The top should be dished to a depth of not less than 1" not more than 2", further fixed on 1" diameter 18 SWG S.S. tubular frames. 4 legs. of 1" diameter 18 SWG supporting floor studs also to be provided, at the bottom of stretcher with nylon shoes. 1.1/4" Sq. 16 SWG ER W pipes used for vertical and horizontal supporting frame of stretcher. Stretcher handle S.S. 18 SWG 304 grade round shape with full polish. 6" diameter 4 nos. swivelling castor rubber wheels 4. Should have suitable stand for B-Type oxygen cylinder. 5. Epoxy powder coating in seamen's grey colour with minimum 50 microns. 6. Should be ISI / CE Certified.	NO	5.00	14857.66	74,288.30	5.00	14,857.66	74,288.30		14857.66	0.00	5.00	74288.30
26	Wheel Chair: 1. Floor to seat height:650 mm to 720 mm. 2. Overall Size Width:1000 mm to 1100 mm. Length 910 mm to 950 mm. Height 480 mm to 510 mm. 3. Design: 1" Diameter 16 SWG ERW tubular frame fitted with metal seat and back. Adjustable horizontal aluminium foot rest 90° - 120° with tread flats. Half round Wooden Hand rest with 1" cushion. Solid rubber tyre wheels 24" x 1 W' fitted with self-propelling hoops and brake arrangement. Full length axle should be provided to fix the rickshaw wheel	NO	5.00	6190.53	30,952.65	5.00	6,190.53	30,952.65		6190.53	0.00	5.00	30952.65

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Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Quoted Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
27	Cardiac Monitors Adult (10) /Paediatric(3): 1.Should have the facility of monitoring ECG, RR, Sp02, NIBP and Dual Temp, for Adult, Pediatric &Neonatal applications. 2. Should have integrated colour display of atleast 12' or more LCD touch screen display. 3.Should have non-volatile Graphical & Tabular trend 4. Should operate independently on both mains and battery. Battery backup for at least 60 Minutes built in battery which is rechargeable.facility for at least 30 hrs.5.Should have alarm limits with alarm levels and alarm indication (visual as well as audio). 6. 3/5 lead ECG measurement, Respiration and simultaneous monitoring of two temperatures 7. Unit should be supplied with following accessories:8.3 lead ECG cable w 12. Pulse Oximeter probe: Reusable Adult and Pediatrics. – Two eachith disposable electrodes. 9. 100 no of disposable electrodes, 10. NIBP CUFF – Adult & Pediatric- Two sets each, 11. Temp probe Tape on skin, 13. Monitor should have built in Electro Surgical Unit & Defibrillator protection. 14. Must be ISO/CE / FDA approved.	NO	13.00	76386.83	9,93,028.79	13.00	76,386.83	9,93,028.79		76386.83	0.00	13.00	993028.79
28	Finger Pulse Oxymeter Adult /New Born:a. SpO2 measurement range at least 40-70 and 70 to 99 %, minimum gradation 1%.b. Accuracy of SpO2 better than} 1% for range 40-70 and better than} 3% for range 70-99.c. Pulse rate range at least 30 to 240 bpm, minimum gradation 1 bpm.d. Accuracy of pulse rate better than 5 bpm.e. Signal strength or quality to be visually displayed.f. Audio-visual alarms required: high and low SpO2 and pulse rate (operator variable settings), sensor disconnected, sensor failure, low battery.g. TFT Screen.h. Plethysmograph (may be in form of bar) display is mandatory.2. Settings should have minimum 24 hrs trend memory for SpO2 & PR.3. User's interface Easily accessible touch button to operate the machine.	NO	20.00	25854.10	5,17,082.00	20.00	25,854.10	5,17,082.00		25854.10	0.00	20.00	517082.00
29	Double Surface Phototherapy Unit (Laser): 1. Phototherapy should be based on advanced LED technology, 2. It should have sufficient LED so that the irradiance should cover the entire treatment area, 3. Should have a height adjustable mechanism, treatment distance to the range of 25 to 45 cms should be possible. 4. Wave length of LED should be in the range of 420 –470 nm and irradiance level should be higher than normal blue tube lights. 5. The unit should provide a minimum of irradiance 10Watts/m2. 6. Lamp source should be continuous tiltable to ±90-degree angle to cover the entire treatment area. 7.System should be height adjustable with built-in non resettable timer 8.Should work with input 200 to 240Vac 50 Hz supply. 9. Should have safety certificate from a competent authority CE / FDA (US)/ISI	NO	2.00	76386.83	1,52,773.66	2.00	76,386.83	1,52,773.66		76386.83	0.00	2.00	152773.66

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Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Quoted Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
30	Electric Suction Apparatus, 1HP (3) /1/2 (6)HP new Born: 1. Should be a complete stainless-steel body / any non-corrosive material 2. Should have pump air flow rate minimum 30 – 40/min. 3. Should have vacuum above – 500 mm hg4. Should have three step vacuum adjustments – high, medium and low. 5. Should have secretion container of 2ltr capacity, 6. The hose connection between the suction system and secretion jar should be less than 15 cms, 7. Should have hygienic bacterial filter with overflow protection, 8. Should have sound level maximum of 55 to 65 db, 9. Should have motor capacity of minimum of 0.5 HP (1/2 HP) working power of 220/230 V single phase. 10. Should have power supply indicator, suction on indicator, Unit on/off 5amps DP switch, protector fuse and minimum chord length of 5M with 5 Amps 3 pin top. 11Should be mounted on easy moving castor wheels.	NO	9.00	17039.66	1,53,356.94	9.00	17,039.66	1,53,356.94		17039.66	0.00	9.00	153356.94
31	Electrical Cautery Machine: Monopolar cut: max 400W. Low, Pure, Blend & Endo, ii. Monopolar coag: 120W. Desiccate, Fulgurate & Spray , iii. Bipolar coag: 120W. Macro, Standard and Precise, iv. Bipolar Cut: 100W, v. Vessel Seal: L-5, 150W, Auto-stop & regrasp indicators, vi. Programmable power settings: 10 programs, vii. Tissue sensing technology viii. Patient plate contact quality monitoring, ix. HF leakage monitoring. Accessories ,. Silicon Split Patient Plate * Cable for Patient Plate *Disposable handswitch, 3 Pin *Electrode set *Bipolar forcep * Bipolar cable *5mm laparoscopic vessel sailing instrument with cable *Open biclamp with cable *Three-pedal Footswitch	NO	2.00	411312.66	8,22,625.32	2.00	4,11,312.66	8,22,625.32		411312.66	0.00	2.00	822625.32
32	Battery Operated Power Drill (P-Comp with Respac Software)	NO	2.00	176276.86	3,52,553.72		1,76,276.86	-	2.00	176276.86	3,52,553.72	2.00	352553.72
33	ENT Microscope (Optive):- Manual 5 Step Magnification changer with apochromatic optics. Magnification Factor @ 4x,@ 6x, 1.0x, 1.6x, 2.5x - Objective Lenses f-250mm or 300mm with manual focusing mechanism - Objective Lens Fixed working distance f=400mm - Straight Binocular tube f=170mm interpupillary distance adjustment from 55mm to 75mm - Pair of wide field push –in eyepieces 10x with sleeves and magnetic locks dioptre setting from 6D to -6D - 120 Degree Coupling - Front Hand Grip - Coaxial Fiber Optic Illumination System with LED Illumination. - Stable and study floor stand on four lockable castors, column Spring Balance articulated arm, Carrier arm Power supply , unit Light Guide ,2m power cable .	NO	1.00	763866.38	7,63,866.38		7,63,866.38	-	1.00	763866.38	7,63,866.38	1.00	763866.38
34	Otoscope Welch Allyn:1. Should be a convenient pocket type otoscope. 2.Should be provided with a halogen light source. 3.Should be able to detach the otoscope head. 4.Should provide no reflections and obstructions. 5.Should provide detachable accessories of various sizes. 6. Should have in built rechargeable battery. Recharge should be possible with direct mains supply	NO	1.00	277342.33	2,77,342.33	1.00	2,77,342.33	2,77,342.33		277342.33	0.00	1.00	277342.33
	Qty above 125%	NO		277342.33					1.00	277342.33	2,77,342.33	1.00	277342.33

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35	Oxygen Flow meter with Regulator: 1. Internal reseating relief valve protects against over-pressurization 2. Sintered filter for additional safety and to extend regulator life 3. 2in Diameter gauge 4. 15LPM Oxygen models provide 85 to 90LPM flood maximum, 5. 7LPM models restricted to 10LPM maximum	NO	12.00	2938.14	35,257.68	12.00	2,938.14	35,257.68		2938.14	0.00	12.00	35,257.68
36	ECG MACHINE :1. Simultaneous 12 Channel ECG recording with 12 lead simultaneous acquisition 2.Should have visual alarm for open lead, 3.Should have a digital display of 12 channel ECG, 4.QWERTY Alphanumeric keyboard, 5. Built in ECG Parameters measurements and Interpretation, 6. Minimum 40 ECG Storage inbuilt memory, 7. 3 Operating modes: Automatic, Manual and Rhythm, 8. Should have a maintenance free digital thermal array printer 9. Printer should work with standard thermal paper (should be available in Local Market), 10. Should have 12 lead ECG preview display before taking printouts and should have printer on/off selection, 11.Should have ECG lead annotation facility, 12. Machine should have sufficient battery backup for taking at least 25 nos ECG on a fully charged battery, 13.Should supplied with 2 patient cable sets, 8 clips on electrodes, 12 chest electrodes with silicone rubber bulb, 12 packets of recording paper,1 bottle of jelly and 12 nos. reusable button type electrode, 14. Should operate on mains(220v-50Hz) and rechargeable battery, 15.Recording speed should be 25 mm/ sec and 50 mm/ sec.16. Should have defibrillation protection. 17.CMRR should be>90dB or ECG machine should have digital processing with at least 7000 samples per second from each lead wire. 18. Frequency response 0.05 Hz to 150 Hz. 19. Should have a digital filter for AC and EMG. 20. Should have safety certificate from a competent authority CE / FDA (US) / ISI	NO	6.00	149284.00	8,95,584.00	6.00	1,49,284.00	8,95,584.00		149284.00	0.00	6.00	895584.00
37	Debrilator Adult (3) And Peadatric (1): 1. Technical characteristics (specific to this type of device):a. Unit should be lightweight compact and portable.b. Unit should have facility for Automatic External Defibrillation and manual defibrillation.c. Should be able to deliver shock from 50-200 joules in biphasic mode via metal chest pads.d. Should having design protection to avoid passage of current to the user.e. The whole system should have an inbuilt recorder; TELEMETRY NOTRECOMMENDED. 2. Settings: Manual AND Automatic. 3. User's interface: The monitor should have a TFT colour display with a three-channel display. 4. Software and/or standard of communication (where ever required): Inbuilt 5. adjustable heart rate alarm as well as paddles & ECG cable disconnection alarms. 6. Power Requirements: 220 to 240V, 50 Hz. 7. Battery operated: Rechargeable battery backup of approximately 5 hours. 8. Protection: Electrical protection by resettable over current breakers or replaceable fuses. Fitted in both live and neutral	NO	4.00	309534.26	12,38,137.04	4.00	3,09,534.26	12,38,137.04	1.00	309534.26	3,09,534.26	5.00	1547671.30

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38	Keratometer:Specification, Measurement Ranges Corneal radius 6.4 - 9.4 mm in 0.05 mm step, Corneal power 52- 36 D diopter in 0.25 D step, Corneal astigmatism axis 00 - 1800, Electrical Specifications Light source LED Bulb, Power supply ~110-230 V, 50-60 Hz, Physical Parameters,Dimension (L x B x H) 19 x 7 x 16 inches, Weight Approx 7 Kg	NO	1.00	58758.95	58,758.95		58,758.95	-		58758.95	0.00	0.00	0.00
39	FIVE STEP SLIT LAMP: Stereo Microscope Type Galilean Magnification Changer Drum rotation Working Distance 100 mm Objective Lens Focal Length f 100 mm Eye Pieces (Large Optics) 12.5x Total Magnifications 6x, 10x, 16x, 25x, 40x Real Field of View 43, 27,16,11, 7 mm Inter Pupillary Distance 55 - 75 mm Diopter Adjustment Range -6 D to +6 D Common Specifications Slit image Width 0 to 14 mm continuously variable Slit image Height 0 to 14 mm continuously variable Illumination Field Diameter in mm 0.2, 2, 3, 4, 6, 8 & 14 mm Slit Rotation 0° to 180° Slit Inclination 5°, 10°, 15°, 20° Sclerotic Scatter Knob for Indirect illumination & Retro illumination Filters Heat absorbing, Green (Red free), Cobalt blue Illumination 12 V- 30 W Halogen lamp / 3.4 V-700 mAh LED Operation 3 Dimensional single handed operation Instrument base movement 99 mm (in/out), 30 mm (up/down),118 mm (left/right) Physical Parameters Dimensions L x W x H) 725 x 460 x 555 mm Weight net 20 Kg and gross 27 Kg (approx) Chin rest movement range 120 mm Electrical Specifications Power supply ~110-230 V, 50-60 Hz Power consumption 45 W max(Halogen) / 2.4 W max(LED) Bulb Led Bulb Suitable for Imaging and Laser Attachment	NO	1.00	225860.00	2,25,860.00		2,25,860.00	0.00		225860.00	0.00	0.00	0.00
40	FLASH AUTO CLAVE:Size -Overall W = 40 to 50cm, L = 40 to 50cm, H = 30 to 40cm approx, -Chamber 20cm x 35cm L approx. Electrical: -Supply 220-240V Construction Stainless steel, chamber, door and trays Instrumentation, Cycle status display. Digital temperature display, Pressure guage, Safety Pressure safety valve, Door safety catch, Overheat Protection with warning indicator, Chamber pressure indicator, Pressure door lock. Sterilizing: -Sterilizing time: At 134 deg.C---------5 to 12 min, At 121 deg.C---------15 to 25 min. Drying time approx 15minutes when selected	NO	1.00	433347.76	4,33,347.76		4,33,347.76	0.00	1.00	433347.76	4,33,347.76	1.00	433347.76
41	TENS (BOTH FARADIC & GALVANIC):Advanced Programmed T..E.. N.. S.. Therapy Unit (Dual Channel)LCD Display12 preset ProgrameBurst100HZBurst 200 HzConstant 2HzConstant 10 HzConstant 20 HzConstant 40 HzConstant 80 HZConstant 100 HzConstant 120 HzConstant 150 HzSurge 100HzSurge 200 HzPower supply : 90V to 270V (SMPS Power supply)Unit will be supplied with all standard accessories :Main Unit : 01 No.Electrodes : 04 Nos.Main cable : 01 No.Wire Set : 02 Nos. (4 output)Power Socketwill be provided free of cost as per country requirement.	NO	1.00	23568.00	23,568.00		23,568.00	0.00		23568.00	0.00	0.00	0.00

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42	NST Machine with probe :1. It should have Numerical display of FHR, TOCO & Foetal Movements Counts, 2. It should have min of 15cm Display for displaying Wave forms of FHR & TOCO, 3. It should have Automatic Foetal Movement Detection, 4. It should have minimum of 2 Hours Battery Backup, 5. It should be provided with Computer Foetal monitoring Software and Data cable for storage & Reload, 6. It should be easy to use & take print out, 7. It should have inbuilt Thermal recorder, 8. It should have inbuilt memory of 10 Hrs Graphical Recording, 9. It should be provided with Aluminium cart with wheels for easy Movement of the machine, 10. It should have built in Network Capability, 11. Should be BIS / CE / FDA certified product	NO	2.00	127660.00	2,55,320.00	2.00	1,27,660.00	255320.00		127660.00	0.00	2.00	255320.00
43	Foetal Doppler : 1 Alarm alert to indicate baby cardiac and tachycardia, 2. Dry nickel cadmium battery with charger. 3. Spiral cable for the probe with length of 1 mtr. Life for battery of at least 6 to 8 hours. 4. volume mode adjustable. 5. Pouch for the machine., 6. Digital display of FHR, 7. Should be ISI/CE/FDA certified	NO	2.00	9820.00	19,640.00	2.00	9,820.00	19640.00		9820.00	0.00	2.00	19640.00
44	Infusion Pump :1. Should be operated on drip rate Peristaltic finger pump method.2. Should compatible with most of the IV set (macro/micro drip sets).3. Should have the following flow rates.4. IV Set ml/hr drops/min15 drops/ml 3~450ml/hr 1~100drops/min20drops/ml 3~450ml/hr 1~100drops/min60drops/ml 1~100ml/hr 1~100drops/min5. Should have a flow rate accuracy of ±10% and drip rate accuracy of ±2%.6. Should have a volume infused display from 0 to 999.9ml.7. Should have a purge andKVO facility.8. Should have an audible and visual alarm for occlusion pressure, air alarm, door open,empty, low battery.9. Should have a LCD display with backlight and graphical display of infusion Shouldhave a minimum 2hr battery back up at highest delivery rate.10. Should work with input 200 to 240Vac 50 Hz supply.11. Should have safety certificate from a competent authority CE / FDA (US) / ISI.	NO	10.00	56956.00	5,69,560.00	10.00	56,956.00	569560.00	1.00	56956.00	56,956.00	11.00	626516.00
45	Geyser:V-guard geyser 25 litre price 5 star	NO	5.00	13748.00	68,740.00	5.00	13,748.00	68740.00		13748.00	0.00	5.00	68740.00
46	Double Door Refrigerator 810 Litres:Samsung refrigerator double door 700 ltr	NO	2.00	80524.00	1,61,048.00	2.00	80,524.00	161048.00		80524.00	0.00	2.00	161048.00
47	Single Door Refrigerator 165 Litres:LG refrigerator single door 180 ltr	NO	2.00	14730.00	29,460.00	2.00	14,730.00	29,460.00		14730.00	0.00	2.00	29460.00
48	Single Door Mini Refrigerator Litres:LG refrigerator mini	NO	4.00	14730.00	58,920.00	4.00	14,730.00	58,920.00		14730.00	0.00	4.00	58920.00
49	Split A.C :INSTALLATION CHARGES+Hitachi 1.5tr tr Split Ac 5-Star	NO	10.00	58774.66	5,87,746.60	10.00	58,774.66	5,87,746.60		58774.66	0.00	10.00	587746.60
50	Microave :LG 28 L Convection Microwave Oven	NO	2.00	17676.00	35,352.00	2.00	17,676.00	35,352.00		17676.00	0.00	2.00	35352.00
51	Stove (Electrical):Electrical stove	NO	3.00	12381.06	37,143.18	3.00	12,381.06	37,143.18		12381.06	0.00	3.00	37143.18
52	Colour Foetal Doppler:Foetal Doppler, 1. Alarm alert to indicate baby cardiac and tachycardia. 2. Dry nickel cadmium battery with charger. 3. Spiral cable for the probe with length of 1 mtr. Life for battery of at least 6 to 8 hours. 4. Volume mode adjustable. 5. Pouch for the machine. 6. Digital display of FHR. 7. Should be ISI/CE/FDA certified+	NO	2.00	9905.43	19,810.86	2.00	9,905.43	19,810.86		9905.43	0.00	2.00	19810.86
53	Autoclave Steel Bins 24"x24":Stainless Steel 304G	NO	20.00	5876.29	1,17,525.80		5,876.29	-		5876.29	0.00	0.00	0.00
54	Autoclave Steel Bins 18"x18"	NO	10.00	5288.07	52,880.70	2.00	5,288.07	10,576.14		5288.07	0.00	2.00	10576.14
55	Autoclave Steel Bins 15"x15"	NO	10.00	3525.38	35,253.80	2.00	3,525.38	7,050.76		3525.38	0.00	2.00	7050.76

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56	Bedside Lockers:Bed Side Locker, 1. Size: H32" x W16" x D16", 2. Size of the Cupboard: H16" x W14"x D16" located in the centre, 3. Cupboard made of CRCA steel sheet with double hinged door and locker facility, 4. Locker top to have S.S. Sheet super imposed with raised edges on three sides, 5. Framework of 1" square M.S. and legs with rubber feet. Full frame and cupboard to be powder coated in Seamen's Grey colour with 50 microns coating., 6. Should be ISI / CE Certified	NO	60.00	2476.60	1,48,596.00	15.00	2,476.60	37,149.00		2476.60	0.00	15.00	37149.00
57	Stainless Steel Foot Step:Stainless Steel Foot Step 1. Overall size: 18"X9"X20", 2. TOP SHEET: 18 gauge S.S. , 3. DESIGN: Top fitted with aluminium tread flats. Height 9" and 20" 1" Sq.16 SWG SS Pipes to be used. 4 Nos. Nylon feet, 4. Should be ISI / CE Certified	NO	10.00	1577.09	15,770.90		1,577.09	-	10.00	1577.09	15,770.90	10.00	15770.90
58	Powder Coated Back Rest:Size 78Lx36Wx24H, Back Rest by Screw rod Mechanism, Powder coated Uniformly perforated Two Sectional CRCA sheet top, Frame work made of Rectangular M.S. Tube, ABS Bow, Collaociable side Railings The above product should conform to applicable ISI Standards in respect of materials, welding process, tests and performance, Finish: Pretreated and Epoxy Powder Coated to be supplied along with Matterss 3' coir n 1" foam	NO	10.00	18571.58	1,85,715.80		18,571.58	-	10.00	18571.58	1,85,715.80	10.00	185715.80
59	Foot End Elevators:Size 78Lx36Wx24H, Back Rest & Knee rest by Screw rod Mechanism, Powder coated Uniformly perforated four sectional CRCA sheet top, Frame work made of Rectangular M.S. Tube, ABS Bow, Collaociable side Railings The above product should conform to applicable ISI Standards in respect of materials, welding process, tests and performance, Finish: Pretreated and Epoxy Powder Coated to be supplied along with Matterss 3' coir n 1" foam	NO	10.00	47627.00	4,76,270.00	10.00	47,627.00	4,76,270.00		47627.00	0.00	10.00	476270.00
60	Plastic Bed Pans	NO	20.00	294.60	5,892.00	20.00	294.60	5,892.00		294.60	0.00	20.00	5892.00
61	Plastic Urine Can	NO	20.00	117.84	2,356.80	20.00	117.84	2,356.80		117.84	0.00	20.00	2356.80
62	Needle Holder 8" :Length: 8", b. Tip Configuration: Blunt, c. Instruments Type: Needle Holder, d. Curvature: Straight, e. Working Surface Style: Cross-Serrated with Groove, f. Handle: Finger Rings, g. Should be high Quality Surgical steel Instruments and Manufactured from medical grade surgical stainless steel, h. Should be Sterilizable	NO	20.00	589.20	11,784.00		589.20	-	20.00	589.20	11,784.00	20.00	11784.00
63	Needle Holder 6" ,:Length: 6", b. Tip Configuration: Blunt, c. Instruments Type: Needle Holder, d. Curvature: Straight, e. Working Surface Style: Cross-Serrated with Groove, f. Handle: Finger Rings, g. Should be high Quality Surgical steel Instruments and Manufactured from medical grade surgical stainless steel, h. Should be Sterilizable	NO	50.00	491.00	24,550.00		491.00	-	50.00	491.00	24,550.00	50.00	24550.00
64	Allis Forceps 4":Length: 4", b. Instrument Type: Allis Forceps 4", c. Curvature: Straight, d. Handle: Finger Rings, e. Should be High Quality Surgical Steel Instruments and Manufactured from medical grade Surgical Stainless steel, f. Should be Sterilizable	NO	250.00	392.80	98,200.00		392.80	-	250.00	392.80	98,200.00	250.00	98200.00
65	Cockers St 7":Length: 7", b. Instrument Type: Cockers St 7", c. Curvature: Straight, d. Handle: Finger Rings e. Should be High Quality Surgical Steel Instruments and Manufactured from medical grade Surgical Stainless steel, f. Should be Sterilizable	NO	50.00	687.40	34,370.00		687.40	-	50.00	687.40	34,370.00	50.00	34370.00

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66	Cockers CURVED 7":Length: 7'', b. Instrument Type: Cockers St 7", c. Curvature: Curved, d. Handle: Finger Rings, e. Should be High Quality Surgical Steel Instruments and Manufactured from medical grade Surgical Stainless steel, f. Should be Sterilizable	NO	50.00	687.40	34,370.00		687.40	-	50.00	687.40	34,370.00	50.00	34,370.00
67	Scissors Fine Tip 7":Size: 7'', b. Curvature: fine tip c. Fully graduated in centimetres, d. Should be high Quality Surgical steel instrument and Manufactured from medical grade surgical stainless steel e. Should be Sterilizable	NO	20.00	736.50	14,730.00		736.50	-	20.00	736.50	14,730.00	20.00	14730.00
68	Scissors Straight 7":Size: 7'', b. Curvature: Straight c. Fully graduated in centimetres, d. Should be high Quality Surgical steel instrument and Manufactured from medical grade surgical stainless steel, e. Should be Sterilizable	NO	30.00	736.50	22,095.00		736.50	-	30.00	736.50	22,095.00	30.00	22095.00
69	Scissiors 6" curved:Size: 6", b. Curvature: Curved c. Fully graduated in centimetres, d. Should be high Quality Surgical steel instrument and Manufactured from medical grade surgical stainless steel, e. Should be Sterilizable	NO	25.00	687.40	17,185.00		687.40	-	25.00	687.40	17,185.00	25.00	17185.00
70	Scissors Fine Tip 5":Size: 5'', b. Curvature: fine tip c. Fully graduated in centimetres, d. Should be high Quality Surgical steel instrument and Manufactured from medical grade surgical stainless steel, e. Should be Sterilizable	NO	20.00	687.40	13,748.00		687.40	-	20.00	687.40	13,748.00	20.00	13748.00
71	Hadson's Tooth Forceps :Length: 4.75" (12cm), b. Handle: Flat, Serrated Thumb, c. Curvature: Straight d. Jaw Style: Fine, e. Tip Configuration: 1x2 Teeth, Side-Grasping, f. Instrument Type: Tissue Forceps g. Material: Surgical Stainless Steel, h. Usage: Reusable, Non-Sterile	NO	3.00	343.70	1,031.10	3.00	343.70	1,031.10		343.70	0.00	3.00	1031.10
72	Hadson's non Tooth Foeceps :Length: 4.75" (12cm), b. Handle: Flat, Serrated Thumb, c. Curvature: Straight d. Jaw Style: Fine, e. Instrument Type: Tissue Forceps f. Material: Surgical Stainless Steel, g. Usage: Reusable, Non-Sterile	NO	3.00	343.70	1,031.10	3.00	343.70	1,031.10		343.70	0.00	3.00	1031.10
73	Periosteum Elevator Size 5 & 6 each size (1 +1): Length: 5" & 6", b. Handle: Flat and Smooth c. Curvature: Straight, d. Jaw Style: Fine e. Tip Configuration: CVD Tip, f. Instrument Type: Surgical Elevator, g. Material: Surgical Stainless Steel h. Usage: Reusable, Non-Sterile	NO	2.00	1374.80	2,749.60	2.00	1,374.80	2,749.60		1374.80	0.00	2.00	2749.60
74	Allies Small 3":Length: 3'', b. Instrument Type: Tissue Grasping Forceps, c. Curvature: Straight, d. Handle: Finger Rings, e. Should be High Quality Surgical Steel Instruments and Manufactured from medical grade Surgical Stainless steel f. Should be Sterilizable	NO	20.00	294.60	5,892.00		294.60	-	20.00	294.60	5,892.00	20.00	5892.00
75	Curved Atery medium:Length: 5-3/4'', b. Instruments Type: Haemostatic Forceps, c. Curvature: Curved d. Working Surface Style: Serrated, e. Handle: Finger RingsShould be high Quality surgical steel instruments and manufactured from medical grade surgical stainless steel. g. Should be Sterilizable	NO	100.00	510.64	51,064.00		510.64	-	100.00	510.64	51,064.00	100.00	51064.00
76	CURVED Mosquiteo:Instrument Family : Micro-Mosquito b. Length Inches : 4 '', 4.75 '', c. Length in CM: 10 cm, 12 cm, d. Tip Type: Curved, e. Handle: Finger Rings, f. Should be high Quality surgical steel instruments and manufactured from medical grade surgical stainless steel. g. Should be Sterilizable	NO	50.00	510.64	25,532.00		510.64	-	50.00	510.64	25,532.00	50.00	25532.00

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77	Copper Handed Curved ARTERY Medium :Curved Artery medium, b. Length: 5-3/4'', c. Curvature: Curved, d. Working Surface Style: Serrated, e. Handle: Finger Rings, f. Should be high Quality surgical steel instruments and manufactured from medical grade surgical stainless steel with tungsten carbide. g. Should be Sterilizable	NO	15.00	608.84	9,132.60	15.00	608.84	9,132.60		608.84	0.00	15.00	9,132.60
78	Langen Back Right Angle Retractor different Sizes:Length: different size, b. Should be high Quality surgical steel instrument and Manufactured from medical grade surgical stainless steel, c. should be Sterilizable, d. Should be high Quality surgical steel instruments and manufactured from medical grade surgical stainless steel with tungsten carbide. e. Should be Sterilizable	NO	30.00	844.52	25,335.60		844.52	-	30.00	844.52	25,335.60	30.00	25335.60
79	Mayo's Retractor:Composition: Stainless b. Customer Segment: Hospitals, Surgery Centers & Tissue Banks, c. Length - Overall (mm): 275 d. Physician/Developer: Mayo, e. Shape: Right-Angled f. Should be high Quality surgical steel instruments and manufactured from medical grade surgical stainless steel with tungsten carbide., g. Should be Sterilizable	NO	5.00	1335.52	6,677.60		1,335.52	-	5.00	1335.52	6,677.60	5.00	6677.60
80	Dever's Retractor:Size: 12X1 b. Used to retract liver in surgical procedures like cholecystectomy (removal of the gall bladder), vagotomy, c. Should be high Quality surgical steel instruments and manufactured from medical grade surgical stainless steel. d. Should be Sterilizable	NO	5.00	1335.52	6,677.60	5.00	1,335.52	6,677.60		1335.52	0.00	5.00	6677.60
81	Disecting Forceps Toothed :Made of 410 grade stainless steel.,b. Total length – 15 cm, c. Sand blasting from inside, d. Tip should be 2x1 e. Matt/ dull finish.	NO	100.00	284.78	28,478.00	100.00	284.78	28,478.00		284.78	0.00	100.00	28478.00
82	Disecting Forceps non Toothed :Made of 410 grade stainless steel. b. Total length – 15 cm c. Sand blasting from inside, d. Tip should be 2x1 e. Matt/ dull finish	NO	100.00	284.78	28,478.00	100.00	284.78	28,478.00		284.78	0.00	100.00	28478.00
83	Sponge Holder :Size: 9-1/2'' (24.1 cm), Straight, Serrated Jaws, b. Fully graduated in centimetres c. Should be high quality surgical steel instrument and manufactured from medical grade Surgical stainless steel, d. Should be Sterilizable	NO	70.00	834.70	58,429.00	70.00	834.70	58,429.00		834.70	0.00	70.00	58429.00
84	Speculum Medium :Shape: Should be Double Ended b. Size: Should be medium in size (blade one size 75×30mm, other 80×35 mm), c. Material: Should be high Quality Surgical steel instrument and manufactured from medical grade surgical Stainless steel, d. Safety: Protects Patients against Cross infection risks. e. Use: Should be reusable	NO	60.00	1335.52	80,131.20	60.00	1,335.52	80,131.20		1335.52	0.00	60.00	80131.20
85	Anterior Vaginal wall Retractor:Made of 410 Grade Stainless Steel, b. Total Length – 25.5CM c. Rings should be oval shaped, d. Both sides serrated rings. e. Ring internal diameter – 15MM & 18MM f. Matt/ Dull Finish	NO	13.00	1119.48	14,553.24	13.00	1,119.48	14,553.24		1119.48	0.00	13.00	14553.24
86	Tubual Ligation Set	NO	1.00	8347.00	8,347.00		8,347.00	-	1.00	8347.00	8,347.00	1.00	8347.00
87	Surgical D &C Set	NO	1.00	9820.00	9,820.00		9,820.00	-	1.00	9820.00	9,820.00	1.00	9820.00
88	B.P Handle big:Forgings from Stainless Steel b. Silk Matte Satin Finish, c. To Hold Scalpel Blades d. Used Mostly In All Surgery	NO	30.00	294.60	8,838.00	30.00	294.60	8,838.00		294.60	0.00	30.00	8838.00

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Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Quoted Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
89	B.P. Handle small:Forgings from Stainless Steel. b. Silk Matte Satin Finish, c. To Hold Scalpel Blades. d. Used Mostly In All Surgery.	NO	10.00	235.68	2,356.80	10.00	235.68	2,356.80		235.68	0.00	10.00	2356.80
90	Varicose Veins Stripper	NO	2.00	11293.00	22,586.00	2.00	11,293.00	22,586.00		11293.00	0.00	2.00	22586.00
91	Ovum Foeceps (gynec):Size: 9-1/2'' (24.1 cm), Straight, Serrated Jaws, b. Fully graduated in centimetres, c. Should be high quality surgical steel Instrument and manufactured from medical grade Surgical stainless steel, d. Should be Sterilizable	NO	2.00	1335.52	2,671.04	2.00	1,335.52	2,671.04		1335.52	0.00	2.00	2671.04
92	Cord Cutting Scissors:Should be very wide blades with large, rounded, blunt tips that slide past each other b. The blades are attached to handles with the proximal end conformed as a ring to facilitate holding and operating with the fingers; both parts are joined by a swivel pin in the centre. c. Should be high quality surgical steel Instrument and manufactured from medical grade Surgical stainless steel d. Should be Sterilizable	NO	20.00	608.84	12,176.80	20.00	608.84	12,176.80		608.84	0.00	20.00	12176.80
93	Episcotmy Scissiors:Made of 420 grade stainless steel b. ISI/CE/FDA certified & anti rust instrument, c. Total length – 14 cm, d. Blade length – 4.6 cm, e. Blades should be angled, f. Rings should be smooth g. Matt/ dull finish	NO	25.00	677.58	16,939.50	25.00	677.58	16,939.50		677.58	0.00	25.00	16939.50
94	Cervical Biopsy Set	NO	2.00	2847.80	5,695.60		2,847.80	–	2.00	2847.80	5,695.60	2.00	5695.60
95	Steel Trays medium :Instrument Tray with cover – Stainless steel of 304 grade, b. Size: 300x 200 x 65mm	NO	60.00	569.56	34,173.60	60.00	569.56	34,173.60		569.56	0.00	60.00	34173.60
96	Cheatle Forceps:Made of 410 grade stainless steel b. ISI/CE/FDA certified & anti rust instrument c. Total length – 25.5 cm,d. Jaw length – 7.8 cm e. Jaws should be smooth without serration f. Rings should be smooth, g. Matt/ dull finish	NO	20.00	844.52	16,890.40	20.00	844.52	16,890.40		844.52	0.00	20.00	16890.40
97	Suction Tips Different Size:Tubing Material: Medical-grade Polyvinyl Chloride (PVC) Plastic, b. tubing size 1/4'', length 1.80m, Yankauer handle with control vent and crown tip, c. tubing size 1/4'', length 3.60m, ankauer handle with control vent and crown tip d. tubing size 3/16'', length 1.80m, Yankauer handle with control vent and crown tip, e. tubing size 3/16'', length 3.60m, Yankauer handle with control vent and crown tip	NO	10.00	569.56	5,695.60	10.00	569.56	5,695.60		569.56	0.00	10.00	5695.60
98	Laryango Scope with Blades ADULT:Handle: stainless steel or chromium-plated, slightly rigged, b. Depressor and laryngoscope blade: stainless steel, curved or straight. c. Complete, ready-to-use, the laryngoscope should be L-shaped so that the handle and batteries are at a right angle to the blade. d. Illumination: battery compartment in the handle, lamp positioned on the blade. e. An instrument used to inspect the larynx, comprised of a:- Hollow handle, 2-battery compartment type. - Spatula or blade: f. Macintosh type: slightly curved blade with a small bulbous tip, fixed to a hook-on handle. g. Each blade has a single bulb, removable for cleaning.	NO	21.00	2847.80	59,803.80	2.00	2,847.80	5,695.60		2847.80	0.00	2.00	5695.60

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			Qnty	Quoted Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
99	Laryango Scope with Blades Peadeatric:Handle: stainless steel or chromium-plated, slightly rigged. b. Depressor and laryngoscope blade: stainless steel, curved or straight. c. Complete, ready-to-use, the laryngoscope should be L-shaped so that the handle and batteries are at a right angle to the blade. d. Illumination: battery compartment in the handle, lamp positioned on the blade. e. An instrument used to inspect the larynx, comprised of a: - Hollow handle, 2-battery compartment type. - Spatula or blade: f. Macintosh type: slightly curved blade with a small bulbous tip, fixed to a hook-on handle. g. Each blade has a single bulb, removable for cleaning.	NO	11.00	2847.80	31,325.80	5.00	2,847.80	14,239.00		2847.80	0.00	5.00	14239.00
100	Ambu bag Adult /Peadtric Set (10 +10):700ml and 200ml Self inflating double ended silicone bag with mounts, b. Side feed oxygen inlet, C. Type "L" non-rebreathing valve with pressure limiting device 40cms of water, d. Size 0A Circular Pedi All Silicone facemask, e. Reservoir Hose with Adaptor to provide higher oxygen & 1.5mtrs oxygen enrichment tubing f. Carrying case,	NO	20.00	1423.90	28,478.00	18.00	1,423.90	25,630.20		1423.90	0.00	18.00	25630.20
101	New Born Ambu Bag:Stroke volumes: 150 ml b. Patients weight: < 10 kg (1 year), c. Total bag volume: 220 ml, d. Oxygen reservoir volume: 100 ml	NO	10.00	1423.90	14,239.00	10.00	1,423.90	14,239.00		1423.90	0.00	10.00	14239.00
102	Spot Light	NO	10.00	11047.50	1,10,475.00	10.00	11,047.50	1,10,475.00		11047.50	0.00	10.00	110475.00
103	Haemorroid octomy Set	NO	1.00	16694.00	16,694.00		16,694.00	-	1.00	16694.00	16,694.00	1.00	16694.00
104	Appendisectomy set	NO	1.00	29460.00	29,460.00		29,460.00	-	1.00	29460.00	29,460.00	1.00	29460.00
105	Shrodhkar Forceps	NO	1.00	1669.40	1,669.40	1.00	1,669.40	1,669.40		1669.40	0.00	1.00	1669.40
106	Hydrocele SET	NO	1.00	8347.00	8,347.00		8,347.00	-	1.00	8347.00	8,347.00	1.00	8347.00
107	Hernia SET	NO	1.00	16595.80	16,595.80		16,595.80	-	1.00	16595.80	16,595.80	1.00	16595.80
108	Humbey's Knife	NO	1.00	8347.00	8,347.00	1.00	8,347.00	8,347.00		8347.00	0.00	1.00	8347.00
109	Sims Anal Speculum Large	NO	1.00	1374.80	1,374.80		1,374.80	-	1.00	1374.80	1,374.80	1.00	1374.80
110	Sims Anal Speculum Medium	NO	1.00	1374.80	1,374.80		1,374.80	-	1.00	1374.80	1,374.80	1.00	1374.80
111	Skin Hooks & retractor	NO	1.00	2651.40	2,651.40	1.00	2,651.40	2,651.40		2651.40	0.00	1.00	2651.40
112	Babcocs	NO	1.00	883.80	883.80	1.00	883.80	883.80		883.80	0.00	1.00	883.80
113	Anesthesia Face mask different Sizes	NO	1.00	883.80	883.80		883.80	-	1.00	883.80	883.80	1.00	883.80
114	A.O.Reduction Clamps Large (ortho)	NO	1.00	5008.20	5,008.20		5,008.20	-	1.00	5008.20	5,008.20	1.00	5008.20
115	A.O.Reduction Clamps Small (ortho)	NO	1.00	5008.20	5,008.20		5,008.20	-	1.00	5008.20	5,008.20	1.00	5008.20
116	Intra Medullary Remurus Flexible 8.5,9.5,10.5,11.5 (ortho)	NO	1.00	2847.80	2,847.80		2,847.80	-	1.00	2847.80	2,847.80	1.00	2847.80
117	Crocodile Reduction Clamp large	NO	1.00	3829.80	3,829.80	1.00	3,829.80	3,829.80		3829.80	0.00	1.00	3829.80
118	Crocodile Reduction Clamp small	NO	1.00	3829.80	3,829.80	1.00	3,829.80	3,829.80		3829.80	0.00	1.00	3829.80
119	wire Cutter	NO	1.00	4959.10	4,959.10	1.00	4,959.10	4,959.10		4959.10	0.00	1.00	4959.10
120	Hand Drill	NO	1.00	11096.60	11,096.60	1.00	11,096.60	11,096.60		11096.60	0.00	1.00	11096.60
121	Steimion Pins (ORTHO)	NO	1.00	1669.40	1,669.40	1.00	1,669.40	1,669.40		1669.40	0.00	1.00	1669.40
122	Sinus probe	NO	1.00	1325.70	1,325.70	1.00	1,325.70	1,325.70		1325.70	0.00	1.00	1325.70
123	Towel Clip	NO	1.00	834.70	834.70	1.00	834.70	834.70		834.70	0.00	1.00	834.70
124	S.S. WIRE diffeent Sizes (ORTHO) EACH Size	NO	1.00	294.60	294.60	1.00	294.60	294.60		294.60	0.00	1.00	294.60
125	K-WIRE DIFFERENT EACH SIZES (ORTHO)	NO	1.00	294.60	294.60	1.00	294.60	294.60		294.60	0.00	1.00	294.60
126	Lamenectomy SET	NO	1.00	27594.20	27,594.20		27,594.20	-	1.00	27594.20	27,594.20	1.00	27594.20
127	Super micro ear Forceps,serrated, 0.6X2.0MM EFFECTIVE Length 75mm	NO	1.00	2651.40	2,651.40		2,651.40	-	1.00	2651.40	2,651.40	1.00	2651.40
128	Ear Forceps, Serrated St 1.0 x 4.2mm Effective Length 75mm	NO	1.00	2651.40	2,651.40		2,651.40	-	1.00	2651.40	2,651.40	1.00	2651.40
129	Super micro ear Forceps oval Cupped jars 0.8 x 1.0mm Effective Length75mm	NO	1.00	3878.90	3,878.90	1.00	3,878.90	3,878.90		3878.90	0.00	1.00	3878.90
130	Super Micro Ear Forceps oval Cupped jars 0.6x 0.8mm Effective Length75mm	NO	1.00	3878.90	3,878.90	1.00	3,878.90	3,878.90		3878.90	0.00	1.00	3878.90
131	Hortman Ear Foeceps serrated OPEN -CLOSED TIP Type	NO	1.00	3928.00	3,928.00	1.00	3,928.00	3,928.00		3928.00	0.00	1.00	3928.00

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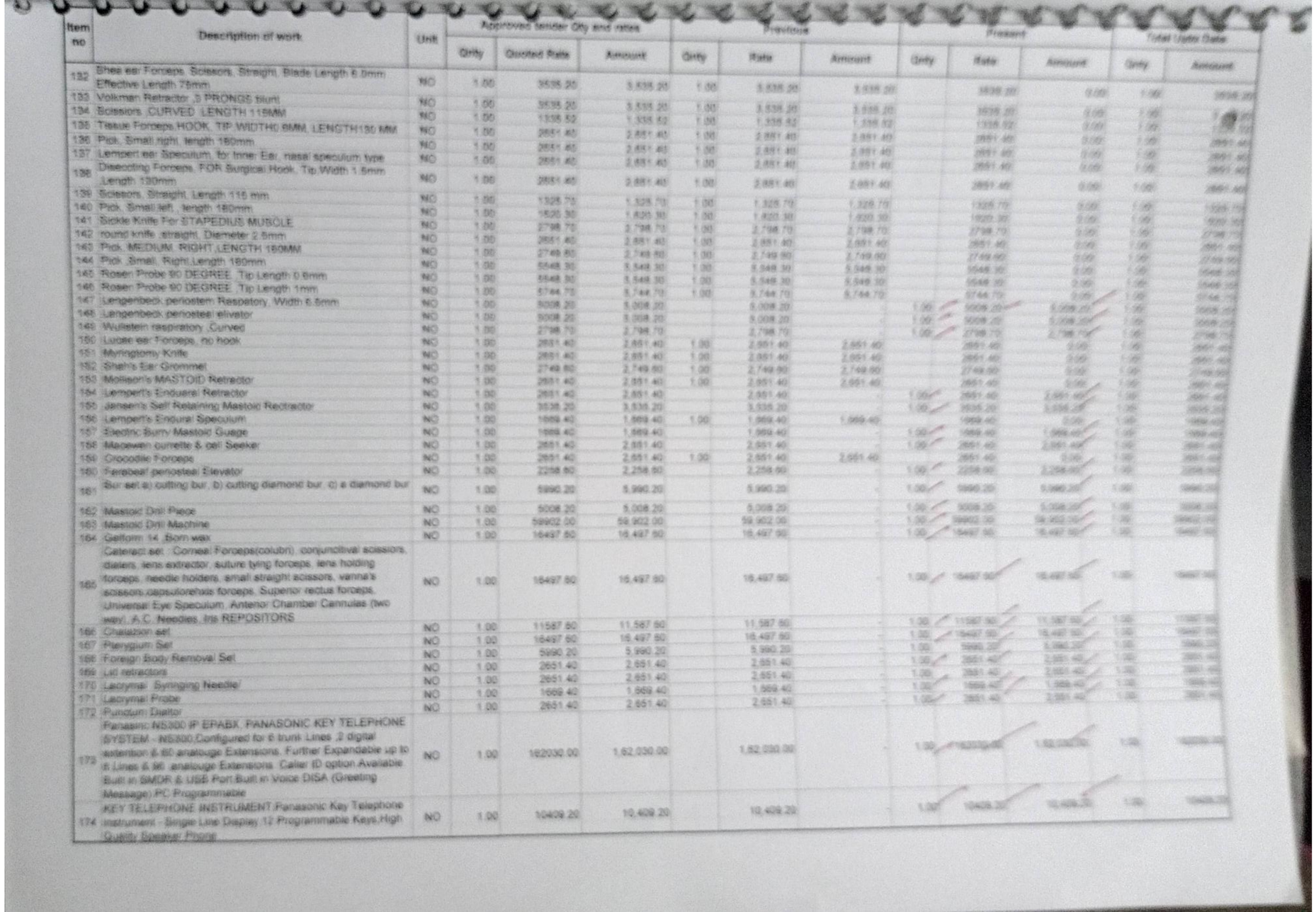

Item no	Description of work	Unit	Approved tender Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Quoted Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
132	Bhee ear Forceps, Scissors, Straight, Blade Length 6.0mm Effective Length 75mm	NO	1.00	3535.20	3,535.20	1.00	3,535.20	3,535.20		3535.20	0.00	1.00	3535.20
133	Volkman Retractor ,3 PRONGS blunt	NO	1.00	3535.20	3,535.20	1.00	3,535.20	3,535.20		3535.20	0.00	1.00	3535.20
134	Scissors, CURVED LENGTH 115MM	NO	1.00	1358.52	1,358.52	1.00	1,358.52	1,358.52		1358.52	0.00	1.00	1358.52
135	Tissue Forceps,HOOK, TIP WIDTH0.6MM, LENGTH150 MM	NO	1.00	2851.40	2,851.40	1.00	2,851.40	2,851.40		2851.40	0.00	1.00	2851.40
136	Pick, Small right, length 180mm	NO	1.00	2851.40	2,851.40	1.00	2,851.40	2,851.40		2851.40	0.00	1.00	2851.40
137	Lempert ear Speculum, for Inner Ear, nasal speculum type	NO	1.00	2851.40	2,851.40	1.00	2,851.40	2,851.40		2851.40	0.00	1.00	2851.40
138	Dissecting Forceps, FOR Surgical Hook, Tip Width 1.5mm ,Length 130mm	NO	1.00	2851.40	2,851.40	1.00	2,851.40	2,851.40		2851.40	0.00	1.00	2851.40
139	Scissors, Straight, Length 115 mm	NO	1.00	1325.70	1,325.70	1.00	1,325.70	1,325.70		1325.70	0.00	1.00	1325.70
140	Pick, Small left , length 180mm	NO	1.00	1920.30	1,920.30	1.00	1,920.30	1,920.30		1920.30	0.00	1.00	1920.30
141	Sickle Knife For STAPEDIUS MUSCLE	NO	1.00	2798.70	2,798.70	1.00	2,798.70	2,798.70		2798.70	0.00	1.00	2798.70
142	round knife ,straight, Diameter 2.5mm	NO	1.00	2851.40	2,851.40	1.00	2,851.40	2,851.40		2851.40	0.00	1.00	2851.40
143	Pick, MEDIUM, RIGHT,LENGTH 180MM	NO	1.00	2749.60	2,749.60	1.00	2,749.60	2,749.60		2749.60	0.00	1.00	2749.60
144	Pick ,Small, Right,Length 180mm	NO	1.00	5548.30	5,548.30	1.00	5,548.30	5,548.30		5548.30	0.00	1.00	5548.30
145	Rosen Probe 90 DEGREE, Tip Length 0.8mm	NO	1.00	5548.30	5,548.30	1.00	5,548.30	5,548.30		5548.30	0.00	1.00	5548.30
146	Rosen Probe 90 DEGREE, Tip Length 1mm	NO	1.00	5744.70	5,744.70	1.00	5,744.70	5,744.70		5744.70	0.00	1.00	5744.70
147	Lengenbeck periostem Raspatory, Width 6.5mm	NO	1.00	5008.20	5,008.20		5,008.20	-	1.00	5008.20	5,008.20	1.00	5008.20
148	Lengenbeck periosteal elivator	NO	1.00	5008.20	5,008.20		5,008.20	-	1.00	5008.20	5,008.20	1.00	5008.20
149	Wullstein raspratory ,Curved	NO	1.00	2798.70	2,798.70		2,798.70	-	1.00	2798.70	2,798.70	1.00	2798.70
150	Lucae ear Forceps, no hook	NO	1.00	2851.40	2,851.40	1.00	2,851.40	2,851.40		2851.40	0.00	1.00	2851.40
151	Myringotomy Knife	NO	1.00	2851.40	2,851.40	1.00	2,851.40	2,851.40		2851.40	0.00	1.00	2851.40
152	Shah's Ear Grommet	NO	1.00	2749.60	2,749.60	1.00	2,749.60	2,749.60		2749.60	0.00	1.00	2749.60
153	Mollison's MASTOID Retractor	NO	1.00	2851.40	2,851.40	1.00	2,851.40	2,851.40		2851.40	0.00	1.00	2851.40
154	Lempert's Endueral Retractor	NO	1.00	2851.40	2,851.40		2,851.40	-	1.00	2851.40	2,851.40	1.00	2851.40
155	Jansen's Self Retaining Mastoid Rectractor	NO	1.00	3535.20	3,535.20		3,535.20	-	1.00	3535.20	3,535.20	1.00	3535.20
156	Lempert's Engural Speculum	NO	1.00	1869.40	1,869.40	1.00	1,869.40	1,869.40		1869.40	0.00	1.00	1869.40
157	Bledric Burr Mastoid Guage	NO	1.00	1869.40	1,869.40		1,869.40	-	1.00	1869.40	1,869.40	1.00	1869.40
158	Macewen curette & ceil Seeker	NO	1.00	2851.40	2,851.40		2,851.40	-	1.00	2851.40	2,851.40	1.00	2851.40
159	Crocodile Forceps	NO	1.00	2851.40	2,851.40	1.00	2,851.40	2,851.40		2851.40	0.00	1.00	2851.40
160	Ferabeaf periostesi Elevator	NO	1.00	2258.60	2,258.60		2,258.60	-	1.00	2258.60	2,258.60	1.00	2258.60
161	Bur set a) cutting bur, b) cutting diamond bur, c) a diamond bur	NO	1.00	5990.20	5,990.20		5,990.20	-	1.00	5990.20	5,990.20	1.00	5990.20
162	Mastoid Drill Piece	NO	1.00	5008.20	5,008.20		5,008.20	-	1.00	5008.20	5,008.20	1.00	5008.20
163	Mastoid Drill Machine	NO	1.00	59902.00	59,902.00		59,902.00	-	1.00	59902.00	59,902.00	1.00	59902.00
164	Gelform 14 ,Bone wax	NO	1.00	16497.60	16,497.60		16,497.60	-	1.00	16497.60	16,497.60	1.00	16497.60
165	Cateract set : Corneal Forceps(colubn), conjunctival scissiors, dialers, lens extractor, suture tying forceps, lens holding forceps, needle holders, small straight scissors, vanna's scissors,capsulorehxis forceps, Superior rectus forceps, Universal Eye Speculum, Anterior Chamber Cannulas (two way), A.C. Needles, Iris REPOSITORS	NO	1.00	16497.60	16,497.60		16,497.60	-	1.00	16497.60	16,497.60	1.00	16497.60
166	Chalazion set	NO	1.00	11587.60	11,587.60		11,587.60	-	1.00	11587.60	11,587.60	1.00	11587.60
167	Pterygium Set	NO	1.00	16497.60	16,497.60		16,497.60	-	1.00	16497.60	16,497.60	1.00	16497.60
168	Foreign Body Removal Set	NO	1.00	5990.20	5,990.20		5,990.20	-	1.00	5990.20	5,990.20	1.00	5990.20
169	Lid retractors	NO	1.00	2651.40	2,651.40		2,651.40	-	1.00	2651.40	2,651.40	1.00	2651.40
170	Lacryma Syringing Needle	NO	1.00	2651.40	2,651.40		2,651.40	-	1.00	2651.40	2,651.40	1.00	2651.40
171	Lacryma Probe	NO	1.00	1669.40	1,669.40		1,669.40	-	1.00	1669.40	1,669.40	1.00	1669.40
172	Punctum Dialtor	NO	1.00	2651.40	2,651.40		2,651.40	-	1.00	2651.40	2,651.40	1.00	2651.40
173	Panasinc NS300 IP EPABX, PANASONIC KEY TELEPHONE SYSTEM - NS300,Configured for 6 trunk Lines ,2 digital extention & 60 analouge Extensions. Further Expandable up to 8 Lines & 96 analouge Extensions. Caller ID option Available Built in SMDR & USB Port Built in Voice DISA (Greeting Message) PC Programmable	NO	1.00	162030.00	1,62,030.00		1,62,030.00	-	1.00	162030.00	1,62,030.00	1.00	162030.00
174	KEY TELEPHONE INSTRUMENT,Panasonic Key Telephone instrument - Single Line Display,12 Programmable Keys,High Quality Speaker Phone	NO	1.00	10409.20	10,409.20		10,409.20	-	1.00	10409.20	10,409.20	1.00	10409.20

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175	TELEPHONE INSTRUMENTS - Panasonic Standard Telephone - KX-TS400,Timed Flash,3 Step Ringer Selector ,Wall Mountable	NO	60.00	785.60	47,136.00		785.60	-	60.00	785.60	47,136.00	60.00	47136.00
176	MDF 20 Pair with MDF BOX	NO	4.00	3240.60	12,962.40		3,240.60	-	4.00	3240.60	12,962.40	4.00	129[illegible]40
177	CAT 6 Cable	M	1200.00	39.28	47,136.00		39.28	-	1500.00	39.28	58,920.00	1500.00	58920.00
	Qty above 125%	M		39.28	-		39.28	-	2915.00	39.28	1,14,501.20	2915.00	114501.20
178	R. O. Plant (For Major OT and Labour Ward) & other wards	NO	8.00	21113.00	1,68,904.00		21,113.00	-	8.00	21113.00	1,68,904.00	8.00	168904.00
179	Fire Extinguishers Type A, B, C (6KGS)	NO	20.00	2504.10	50,082.00		2,504.10	-	20.00	2504.10	50,082.00	20.00	50082.00
180	DIALYSIS: A. General 1. The machine should be capable of doing all the following renal replacement treatment as mentioned below, a. Haemodialysis (Normal HD) b. Online Hemodiafiltration c. Online Hemofiltration d. SLED (sustained low efficiency Dialysis) e. Sustained low-efficiency daily diafiltration SLEDDF f. Extended daily diafiltration EDD-f g. Prolonged daily intermittent renal replacement therapy (PDIRRT) h. Go-slow dialysis i. Hybrid renal replacement modalities, 2. The machine should have two roller pumps. One is for blood pump; other is substitution pump for generating replacement fluid which is used during online modiafiltration and online Hemofiltration therapies. 3. Blood pump – blood flow range should be (effective) 30 to 600 m/min, accuracy ± 10%, 4. Effective blood flow rate should be calculated and displayed on the front panel in a real time basis during dialysis automatically, 5. It shall be easy and safe to thread with bloodline diameter from 2 mm up to 10 mm, 6. Automatic set up and priming is preferred, 7. An emergency hand crank shall be provided for returning blood to patient when electrical power is lost. Direction of rotation shall be limited or visually indicated, 8. Single needle system 2 blood pumps, internal pressure/pressure control with variable stroke volume(max 50 ml), 9. Dialysate flow: a. Dialysis fluid flow range should be selectable from 0-1000 ml/min (steps of 100 ml/min), 10. Dialysate flow should be on adequacy favoured basis, 11. Auto flow (selectable) automatic adaption of the dialysate flow to the effective blood flow (factors adjustable), 12. Dialysate	NO	2.00	1547669.32	30,95,338.64		15,47,669.32	-		1547669.32	0.00	0.00	0.00
	B. Substitute Flow, 1. Substitution fluid should be generated by machine itself from the hydraulic by filtering the dialysate through 2 endotoxin filters in series, 2. Auto sub: where the machine can select optimum substitute flow according to the treatment condition. Auto sub substitution method should ideally match to effective blood flow, Substitution fluid should be generated by machine itself from the hydraulic compartment and delivered by substitution pump 4. Online Hemofiltration/online Hemodiafiltration substitution flow rate should be 25 -600 ml/min & accuracy ±10%, 5. The machine should contain online priming. Online bolus and online reinfusion facility during online modality is on., 6. Heparin pump should have infusion rate:0.5 ml-10 ml/hr. Bolus function:1.0 up to 20.0 ml. Syringe size: 30 ml. Accuracy ±5%, 7. Ultra-filtration pump should be present in the hydraulic compartment, 8. UF rate 0-4000ml/h (in steps of 10 ml), pump volume accuracy ±1%, parameters displayed: UF goal, UF time, UF rate, UF volume, 9. Dialysis and substitution fluid temperature range must be 34-39° C 10. Machine should have non-invasive arterial pressure dome to measure arterial pressure												

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	C. Treatment Alarm Monitoring Systems, 1. Arterial pressure monitoring limits should be display range -300 mmHg to + 300 mm, Hg. Accuracy ± 7 mmHg, resolution 5 mmHg, 2. Venous pressure monitoring limits should be display range -100 mmHg to +500, mmHg, Accuracy ± 7 mmHg, resolution 5 mmHg, 3. Trans membrane pressure monitoring limits should be display range -100 mmHg to, + 400 mmHg resolution 5 mmHg												
	D. Treatment Menu Alarms: 1. Machine should give the alarm with draft display and also possible causes for alarms, It also have Help Option to resolve the alarms. 2. Air detector should have ultrasound transmission measurement on blood line, additional capacitive level and optical monitoring 3. Blood leak detector should detect sensitivity≤ 0.5 ml blood/min (Hct=25%) 4. Flow rate 100 ml/min -1000 ml/min 5. The machine should have online KT/V monitoring 6. Accuracy clearance K ± 6% should be on display during dialysis. Built-in device for online measurement and monitoring of effective urea clearance (K), dialysis dose (Kt/V) and plasma sodium (Na) automatically during treatment (M) 7. The measurement of effective urea clearance (K) dialysis dose (Kt/V) and plasma sodium (Na) shall be performed in non-invasive, real-time mode without additional disposable required during treatment (M) 8. Measuring accuracy 9. Clearance measurement accuracy: ±5% (standard deviation) (M) 10. Kt/V determination accuracy: ±9% standard deviation) (M) 11. Machine should have built in non-invasive blood pressure monitoring with programmable measurement interval with display range systole: 30 mmHg - 280 mmHg, Astole:10 mmHg- 240 mmHg, MAP: 20 mmHg- 255 mmHg. Accuracy ± 3 mmHg. The machine should contain BPM cuff holder. 12. The machine should deliver ultrapure dialysate by using built in endotoxin filter. The machine should contain dialysis fluid filter system, lower patient inflammatory responses, essential component ontributing to the quality of dialysis treatment worldwide 13. The machine should contain												
	E. Disinfection and Cleaning Programmes 1. Rinse, a. Temperature/flow 37° C/600-800ml/min (adjustable), 2. Hot rinse (recirculation) , a. Temperature/flow 85°C/600-800ml/min (adjustable) 3. Cleaning (sodium Hydrochloride recirculation) a. Temperature/flow 37° C/600-800ml/min (adjustable) 4. Heat disinfection (recirculation), a. Temperature/flow 85° C/600-800ml/min (adjustable), 5. Disinfection citrate-based cleaning agent 340/plus (recirculation) a. Temperature/flow 37° C/600-800ml/min (adjustable)												
	F. Electrical Data 1. Power supply 100 to 240 V AC ± 10%, 47 -63 Hz, current consumption approx.6A, (at 230 V) at a water inlet temperature of 17°C, dialysate temperature 37°C dialysate, flow:500 ml/min												
	G. Dialysis Parameter Display, 1. The equipment shall have digitally and graphical display for the parameters a. Arterial pressure, b. Venous pressure, c. Blood flow rate, d. Dialysate conductivity,e. TMP, f. UF volume, g. UF rate , h. Remaining treatment time, i. Heparin infusion rate												
181	Solar water - 500 lpd ETC SWH (PC) 58 dia	NO	4.00	45172.00	1,80,688.00	4.00	45,172.00	180688.00		45172.00	0.00	4.00	180688.00
182	SOLAR WATER -PLUMBING	LS	1.00	147300.00	1,47,300.00		1,47,300.00	-	1.00	147300.00	1,47,300.00	1.00	147300.00
183	High Definition Projector: Projector WXGA, 3600Lumens	NO	2.00	55974.00	1,11,948.00	2.00	55,974.00	1,11,948.00		55974.00	0.00	2.00	111948.00

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184	Tripod For Projector :Ceiling Mount	NO	2.00	3535.20	7,070.40	2.00	3,535.20	7,070.40		3535.20	0.00	2.00	7070.40
185	Tripod For Screen: Logic7x5 pull down screen,	NO	2.00	8838.00	17,676.00	2.00	8,838.00	17,676.00		8838.00	0.00	2.00	17676.00
186	Loud Speaker :Honeywell Ceiling Speaker 6W,8ohm	NO	5.00	1473.00	7,365.00		1,473.00	-	5.00	1473.00	7,365.00	5.00	7365.00
187	Cordless Mike: MX/Studio Master	NO	5.00	11980.40	59,902.00		11,980.40	-	5.00	11980.40	59,902.00	5.00	59902.00
188	Computer: High Configuration, 2TB Ram, Generation Core i 7/i 9, :HP EliteDesk 800 G4 MT i7-8700-8GB DDR4 RAM, AMD Radeon R7 430 2GB Gfx Dedicated2TB HDD with 7200 RPM, DOS, DVD RW, 18.5" TFT, 3 yearson site warranty	NO	25.00	92859.88	23,21,497.00	25.00	92,859.88	23,21,497.00		92859.88	0.00	25.00	2321497.00
189	Jumbo Jet zerox Machine (1 COLOURED)-HP LASERJET 1136 MFP PRINTER -ALL-IN -ONE Print,scan,copy	NO	2.00	17676.00	35,352.00	2.00	17,676.00	35,352.00		17676.00	0.00	2.00	35352.00
190	Printer with Scanner(COLOURED) (A4)-Speed: 25 PPM(Network Printing, Copying,Scanning & Wifi)A4 Size –Pass 600x600 DPI Document Feeder)Scan to mail, Scan to folde(UFR II Fast Rendering IIDirect Print From USB Pen Drive	NO	25.00	19191.23	4,79,780.75	25.00	19,191.23	4,79,780.75		19191.23	0.00	25.00	479780.75
191	52" Monitor LED With Cameras (high Resolution) with Security Alert with backup UPS Systems -Panasoniv Monitor55" LED Monitor	NO	15.00	80478.83	12,07,182.45		80,478.83	-	15.00	80478.83	12,07,182.45	15.00	1207182.45
192	Pen Drive 128 GB-SANDISC128 gb pen drive	NO	10.00	2356.80	23,568.00	10.00	2,356.80	23,568.00		2356.80	0.00	10.00	23568.00
193	Hard Disc 1TB-Segate HDD 1 TB EXTERNAL Back up hdd	NO	10.00	10802.00	1,08,020.00	10.00	10,802.00	1,08,020.00		10802.00	0.00	10.00	108020.00
194	32" Colour Television-32" TV Panasonic	NO	5.00	15712.00	78,560.00	3.00	15,712.00	47,136.00		15712.00	0.00	3.00	47136.00
195	online UPS FOR COMPUTERS ALL COMPUTERS	NO	25.00	4075.30	1,01,882.50	25.00	4,075.30	1,01,882.50		4075.30	0.00	25.00	101882.50
196	Computers Acessories (wire less key board, Mouse)-HP Wireless KB & MOUSE	NO	20.00	1522.10	30,442.00	20.00	1,522.10	30,442.00		1522.10	0.00	20.00	30442.00
197	Lap Top-HP i5-8250U, 4GB DDR4 RAM, 1TB SATA14" LED HD, No DVDRW, 1 Yr Onsite Warranty with 1Yr ADP, With Bag	NO	2.00	63830.00	1,27,660.00	2.00	63,830.00	1,27,660.00		63830.00	0.00	2.00	127660.00
198	Camera DSLR (meeting /program) :Nikon DSLR	NO	2.00	40262.00	80,524.00		40,262.00	-	2.00	40262.00	80,524.00	2.00	80524.00
199	labomed binacular microscope with UPS BACK UP (180-250V /ac):Viewing Body: Bino/Trino Butterfly style Adjestable height 30deg, incline, 360 rotable Single Mould stand with Extended base for hand rest. Reverse quadruple nose piece. Ultra Smooth Cam technology Co-axail controls Coarse & Fine focus knob. RACKLESS Double plate stage with Co-axail control for x/y movement of slide, DOUBLE Slide holder.Illumination: 6v-20w HALOGEN bulb OR LED with built-in battery Back of approx. 2 Hrs, with intensity control. the system allows flate field image and superb contrast in expanded 20mm field of view.Obj.: infinity PLAN Ach. 4x,10x,40, (SL), 100x(SL) Oil Imm. Eye Piece : WF 10x (FOV 20), Focusable with eye guards.	NO	1.00	88380.00	88,380.00	1.00	88,380.00	88,380.00		88380.00	0.00	1.00	88380.00

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200	Harmone Analyser :Feature : • Throughput: up to 180 tests/hour • 24 hours ready-to-use • Time to first result:17 minutePrinciple of Luminescence • Non-enzyme involved flash chemiluminescence, long stability of reagents • ABEI label, stable in acid and alkaline solution Modes of Operation • Random, Batch and STAT Sample Loading • Up to 16 sample tubes • Continuous loading, STAT available • Analyzer auto numbered • LIS connection • Refrigerated sample area with independent power supply Reagent Loading • 4 reagents on board • Continuous loading • RFID reading all info of reagents • Refrigerated reagent area Reagent Features • Integrated kit, ready-to-use, no pretreatment required • Integrated kit including calibrators • Using superparamagnetic microbeads • RFID tag storing all info of reagent • RFID tag with built-in master curve • 2-point calibration to adjust master curve • Calibration stability: Max 4 weeks Other Features • Clot detection • Liquid level detection for reagent • Optional ratio for sample dilutionAuto dilution for high concentration sample • Constant 37℃ incubation • 15-30℃ Operating Temperature Operation System • Windows 7 • HP compatible (Dual-core	NO	1.00	1052415.29	10,52,415.29		10,52,415.29	-	1.00	1052415.29	10,52,415.29	1.00	1052415.29
201	Protein Analyser Including HBA1C:TECHNICAL CHARACTERISTICS Autonomy , Continuous sample loadingTube capacity Proteins: 28 samplesHbA1c, Hb or CDT: 26 samplesThroughput Proteins: 20 tests/h HbA1c or Hb: 7 tests/hCDT: 10 tests/h Sample types Serum,Whole blood (capped tubes)Positive ID & Reagents TraceabilityBarcoded carousel and tubesHigh resolution built-in barcode readerPositive sample identificationFull traceability from primary tube to final resultBarcoded reagents and controls Sampling modeFull automation with continuous loadingDirect sampling from primary tubesSampling from open and capped tubes (cap piercing)Efficient mixing system with multiple sample inversionsCapillaries2 silica capillaries for 2 simultaneous migrations Migrations performed in capillaries at accurate temperature controlled by a Sebia proprietary Peltier based regulation device	NO	1.00	2290550.35	22,90,550.35		22,90,550.35	-	1.00	2290550.35	22,90,550.35	1.00	2290550.35

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